

B6
9/21/84

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT				REGION 6	SITE NUMBER (to be assigned) TX07480
GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-JJS), 401 M St., SW; Washington, DC 20460.					
I. SITE IDENTIFICATION		TXD 007322142			
A. SITE NAME	B. STREET (or other identifier)				
National Supply Co. (Div. of Armco Steel)	135 W. Frontage Rd.				
C. CITY	D. STATE	E. ZIP CODE	F. COUNTY NAME		
North of Gainesville	TX	76240	Conke		
II. SITE OPERATOR INFORMATION					
I. NAME	J. TELEPHONE NUMBER				
National Supply Co. (Jim Lovette, Works Manager)	817-665-2011				
K. STREET	L. CITY	M. STATE	N. ZIP CODE		
P.O. Drawer H	Gainesville	TX	76240		
III. REALTY OWNER INFORMATION (if different from operator of site)					
I. NAME	J. TELEPHONE NUMBER				
Armco, Inc.	513-425-6541				
K. CITY	L. STATE	M. ZIP CODE			
P.O. Box 600, Middletown	OH	45043			
IV. SITE DESCRIPTION					
Large manufacturing facility with no known Class I waste management facilities.					
V. TYPE OF OWNERSHIP					
<input type="checkbox"/> 1. FEDERAL	<input type="checkbox"/> 2. STATE	<input type="checkbox"/> 3. COUNTY	<input type="checkbox"/> 4. MUNICIPAL	<input checked="" type="checkbox"/> 5. PRIVATE	
VI. TENTATIVE DISPOSITION (complete this section last)					
A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM				
	<input type="checkbox"/> 1. HIGH	<input type="checkbox"/> 2. MEDIUM	<input type="checkbox"/> 3. LOW	<input checked="" type="checkbox"/> 4. NONE	
C. PREPARER INFORMATION					
I. NAME	J. TELEPHONE NUMBER			K. DATE (mo., day, & yr.)	
David R. Wilkes, Engineering-Science	(512) 477-9901			8/9/84	
III. INSPECTION INFORMATION					
A. PRINCIPAL INSPECTOR INFORMATION					
I. NAME	J. TITLE				
Glynis H. Fowler	Staff Engineer				
K. ORGANIZATION					
Engineering-Science, Inc.: 2901 N. Interregional, Austin, TX 78722 (512) 477-9901					
B. INSPECTION PARTICIPANTS					
I. NAME	J. ORGANIZATION		K. TELEPHONE NO.		
None					
C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)					
I. NAME	J. TITLE & TELEPHONE NO.		K. ADDRESS		
Jim Lovette	Works Manager (817) 665-2811		P.O. Drawer H Gainesville, TX 76240		
Wilson Stinnett	General Superintendent (817) 665-2811		Same as above		
			SUPERFUND FILE		
			JUL 04 1992		
			REORGANIZED		



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III. INSPECTION INFORMATION (continued)			
D. GENERATOR INFORMATION (source of waste)			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
National Supply Co.	(817) 665-281	P.O. Drawer H; Gainesville, TX 76240	Liquid, Solid
E. TRANSPORTER/HAULER INFORMATION			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Ashland Chemical	Unknown	Unknown	Liquid
F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.			
1. NAME	2. TELEPHONE NO.	3. ADDRESS	
Rollins Environmental Service (713) 479-6001		2027 Battleground Rd., Deer Park, TX 77506	
Chemical Waste Management (409) 736-2821		P.O. Box 2653; Port Arthur, TX 77640	
G. DATE OF INSPECTION (mon, day, & yr) 5/23/84	H. TIME OF INSPECTION (mon, day, & hr) 8:00A-9:30A	I. ACCESS GAINED BY (credentials must be shown in all cases) <input checked="" type="checkbox"/> 1. PERMISSION <input type="checkbox"/> 2. WARRANT	
J. WEATHER (describe) Clear, 75°F			
IV. SAMPLING INFORMATION			
A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.			
1. SAMPLE TYPE	2. SAMPLE TAKEN 'None' 'X'	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
2. GROUNDWATER			
3. SURFACE WATER			
4. WASTE			
5. AIR			
6. RUNOFF			
7. SPILL			
8. SOIL			
9. VEGETATION			
10. OTHER (Specify) None			
B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)			
1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS	
None			

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IV. SAMPLING INFORMATION (continued)

C. PHOTOS		IV. SAMPLING INFORMATION (continued)	
1. TYPE OF PHOTOS		2. PHOTOS IN CUSTODY OF (see attachments)	
<input checked="" type="checkbox"/> A. GROUND <input type="checkbox"/> B. AERIAL			
D. SITE MAP(S) <input type="checkbox"/> YES. SPECIFY LOCATION OF MAPS		See attached area map.	
E. COORDINATES		F. LATITUDE (deg-min-sec) N 33° 40' 00" G. LONGITUDE (deg-min-sec) W 97° 9' 15"	

V. SITE INFORMATION

A. SITE STATUS			
<input checked="" type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if the quantity is minimal.) Begun operations		<input type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes) in 1954.	
<input type="checkbox"/> 3. OTHER (specify) _____			
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code) 5051			
C. AREA OF SITE (in acres)		D. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify) Several large metal frame buildings	

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input checked="" type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER
1. RAIL	1. FILE	1. FILTRATION	1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM/PHYS/TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify):		6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify)
		9. OTHER (specify):	

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

<input type="checkbox"/> 1. STORAGE	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/> 3. LANDFILL	<input type="checkbox"/> 4. SURFACE IMPOUNDMENT	<input type="checkbox"/> 5. DEEP WELL
<input type="checkbox"/> 6. CHEM/BIO/ PHYS TREATMENT	<input type="checkbox"/> 7. LANDFARM	<input type="checkbox"/> 8. OPEN DUMP	<input type="checkbox"/> 9. TRANSPORTED	<input type="checkbox"/> 10. RECYCLER/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE			
<input checked="" type="checkbox"/> 1. LIQUID	<input checked="" type="checkbox"/> 2. SOLID	<input type="checkbox"/> 3. SLUDGE	<input type="checkbox"/> 4. GAS
B. WASTE CHARACTERISTICS			
<input type="checkbox"/> 1. CORROSIVE	<input type="checkbox"/> 2. IGNITABLE	<input type="checkbox"/> 3. RADIOACTIVE	<input type="checkbox"/> 4. HIGHLY VOLATILE
<input checked="" type="checkbox"/> 5. TOXIC	<input type="checkbox"/> 6. REACTIVE	<input type="checkbox"/> 7. INERT	<input type="checkbox"/> 8. FLAMMABLE
<input checked="" type="checkbox"/> 9. OTHER (specify) Metal scrap, plant refuse, waste oils (non-hazardous)			
C. WASTE CATEGORIES			
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below. Unknown			

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VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount, specify unit of measure) of waste by category. mark "X" to indicate which wastes are present.

E. SLUDGE		F. OIL		G. SOLVENTS		H. CHEMICALS		I. SOLIDS		J. OTHER	
AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	
2-3	165	None		Unknown		103		10			
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	TONS/MONTH	TONS/MONTH	TONS/MONTH	TONS/MONTH	TONS/MONTH	
barrels/month	gallons/month										
<input checked="" type="checkbox"/> 11. PAINT, PIGMENTS	<input checked="" type="checkbox"/> 12. OILY WASTES	<input checked="" type="checkbox"/> 13. HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> 14. ACIDS	<input checked="" type="checkbox"/> 15. INFLUENT	<input checked="" type="checkbox"/> 16. LABORATORY, PHARMACEUT.						
<input checked="" type="checkbox"/> 17. METAL SLUDGES	<input checked="" type="checkbox"/> 18. OTHER(specify)	<input checked="" type="checkbox"/> 19. NONHALOGENATED SOLVENTS	<input checked="" type="checkbox"/> 20. caustic liquids	<input checked="" type="checkbox"/> 21. ASBESTOS	<input checked="" type="checkbox"/> 22. HOSPITAL						
<input checked="" type="checkbox"/> 23. INPOTH		<input checked="" type="checkbox"/> 24. OTHER(specify)	<input checked="" type="checkbox"/> 25. CAUSTICS	<input checked="" type="checkbox"/> 26. MILLING/MINE TAILINGS	<input checked="" type="checkbox"/> 27. RADIACTIVE						
<input checked="" type="checkbox"/> 28. ALUMINUM SLUDGE			<input checked="" type="checkbox"/> 29. PESTICIDES	<input checked="" type="checkbox"/> 30. FERROUS SMELT WASTES	<input checked="" type="checkbox"/> 31. MUNICIPAL						
<input checked="" type="checkbox"/> 32. OTHER(specify)			<input checked="" type="checkbox"/> 33. STOKES/NAF	<input checked="" type="checkbox"/> 34. NONFERROUS SMELT. WASTES	<input checked="" type="checkbox"/> 35. OTHER(specify)						
			<input checked="" type="checkbox"/> 36. CYANIDE	<input checked="" type="checkbox"/> 37. OTHER(specify)							
			<input checked="" type="checkbox"/> 38. PHENOLS								
			<input checked="" type="checkbox"/> 39. HALOGENS								
			<input checked="" type="checkbox"/> 40. IRON								
			<input checked="" type="checkbox"/> 41. METALS								
			<input checked="" type="checkbox"/> 42. OTHER(specify)								

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

A. HUMAN HEALTH HAZARDS

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VIII. HAZARD DESCRIPTION (continued)

<input type="checkbox"/> B. NON-WORKER INJURY/EXPOSURE
<input type="checkbox"/> C. WORKER INJURY/EXPOSURE
<input type="checkbox"/> D. CONTAMINATION OF WATER SUPPLY
<input type="checkbox"/> E. CONTAMINATION OF FOOD CHAIN
<input type="checkbox"/> F. CONTAMINATION OF GROUND WATER
<input type="checkbox"/> G. CONTAMINATION OF SURFACE WATER

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VIII. HAZARD DESCRIPTION (continued)

H. DAMAGE TO FLORA/FAUNA

I. FISH KILL

J. CONTAMINATION OF AIR

K. NOTICEABLE ODORS

L. CONTAMINATION OF SOIL

M. PROPERTY DAMAGE

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VIII. HAZARD DESCRIPTION (continued)

M. FIRE OR EXPLOSION

N. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

O. SEWER, STORM DRAIN PROBLEMS

P. EROSION PROBLEMS

Q. INADEQUATE SECURITY

R. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)				
<input type="checkbox"/> T. MIDNIGHT DUMPING				
<input type="checkbox"/> U. OTHER (Specify):				
IX. POPULATION DIRECTLY AFFECTED BY SITE				
A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (Specify Units)
1. IN RESIDENTIAL AREAS	5,000	5,000	1,600	1-2 miles
2. IN COMMERCIAL OR INDUSTRIAL AREAS	1,500	1,500	8	0.25 miles
3. IN PUBLICLY TRAVELED AREAS	15,500	15,500	0	0.25 miles
4. PUBLIC USE AREAS (Parks, schools, etc.)	2,150	2,150	7	2-3 miles
X. WATER AND HYDROLOGICAL DATA				
A. DEPTH TO GROUNDWATER (Specify Units) 30-80ft; 250-300ft*	B. DIRECTION / FLOW (Specify Units) Southerly, shallow); S/SW, then SE	C. GROUNDWATER USE IN VICINITY Domestic		
D. POTENTIAL YIELD OF AQUIFER 0-900gpm (Antiers Fmn.)	E. DISTANCE TO DRINKING WATER SUPPLY (Specify Unit of Measure) 1.5 miles	F. DIRECTION TO DRINKING WATER SUPPLY South/Southwest		
G. TYPE OF DRINKING WATER SUPPLY				
<input type="checkbox"/> 1. NON-COMMUNITY <15 CONNECTIONS*	<input checked="" type="checkbox"/> 2. COMMUNITY (Specify Items) >15 CONNECTIONS	City of Gainesville		
<input type="checkbox"/> 3. SURFACE WATER	<input type="checkbox"/> 4. WELL	#HA-19-23-906		

EPA Form T2270-2 (10-71)

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*Initial range for saturated zone (shallow near filled pond) and final range equals static water level depths in Antiers-Trinity aquifer wells.

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X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify units)	3. LOCATION (proximity to population/buildings)	4. NON-COM- MUNITY (mark "X")	5. COMM- ITY (mark "X")
HA-14-23-6C	390 feet	0.2 miles north of the site	X	
I. RECEIVING WATER				
1. NAME Pecan Creek into the Trinity River <input type="checkbox"/> 2. FRESH <input checked="" type="checkbox"/> 3. STREAMS/RIVERS <input type="checkbox"/> 4. LAKES/RESERVOIRS <input type="checkbox"/> 5. OTHER (specify)				
E. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATER				
Trinity River Basin Segment #824, approved for: contact/non-contact recreation, propagation of fish and wildlife, and domestic raw water supply.				
XI. SOIL AND VEGETATION DATA				
LOCATION OF SITE IS IN: See attached map.				
<input type="checkbox"/> A. KNOWN FAULT ZONE <input type="checkbox"/> B. KARST ZONE <input type="checkbox"/> C. 100 YEAR FLOOD PLAIN <input type="checkbox"/> D. WETLAND <input type="checkbox"/> E. A REGULATED FLOODWAY <input type="checkbox"/> F. CRITICAL HABITAT <input type="checkbox"/> G. RECHARGE ZONE OR SOLE SOURCE AQUIFER				
XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED				
Mark "X" to indicate the type(s) of geological material observed and specify where necessary, the component parts.				
*X A. OVERBURDEN X B. BEDROCK (specify below) X C. OTHER (specify below) 1. SAND 2. CLAY 3. GRAVEL				
XIII. SOIL PERMEABILITY				
Drainage areas: Wilson clay loam and Normangee clay loam (both eroded); some Hedlin c.				
<input type="checkbox"/> A. UNKNOWN <input type="checkbox"/> B. VERY HIGH (100,000 to 1000 CM/SEC.) <input type="checkbox"/> C. HIGH (1000 to 10 CM/SEC.) 10^{-5} CM/ <input type="checkbox"/> D. MODERATE (10 to 1 CM/SEC.) <input type="checkbox"/> E. LOW (.1 to .0001 CM/SEC.) <input type="checkbox"/> F. VERY LOW (.001 to .00001 CM/SEC.)				
G. RECHARGE AREA				
<input type="checkbox"/> 1. YES <input checked="" type="checkbox"/> 2. NO 3. COMMENTS				
H. DISCHARGE AREA				
<input type="checkbox"/> 1. YES <input checked="" type="checkbox"/> 2. NO 3. COMMENTS				
I. SLOPE				
1. ESTIMATE % OF SLOPE 2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC. 1-3% (10-20% along pond edge) Generally south and eroded with SE and SW trends.				
J. OTHER GEOLOGICAL DATA				
(Refer to attached stratigraphic table for the following discussion.) The outcropping site geologic stratum, the Fredericksburg and Washita Groups of the Cretaceous age Gulf Series, is 250 to 300 feet of limestone, marl and clay which produce little if any water.*				

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XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

XIV. PERMIT INFORMATION							
List all applicable permits held by the site and provide the related information.							
A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (Mo., Day, Year)	E. EXPIRATION DATE (Mo., Day, Year)	F. IN COMPLIANCE (check 'X')		
					YES	NO	UNKNOWN
Solid Waste Registration	TDWR	30934	3/11/77	--	X		
XV. PAST REGULATORY OR ENFORCEMENT ACTIONS							
<input type="checkbox"/> NONE <input type="checkbox"/> YES (summarize in this space)							
Inspection activity following a complaint in 1981.							

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

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RCRA 3012 SITE INSPECTION COMMENTS
NATIONAL SUPPLY CO.
GAINESVILLE, TX
TX07480

DOCUMENTATION OF SITE ACTIVITIES

The inspection of National Supply Co. in Gainesville was conducted on May 23, 1984. G. H. Fowler of Engineering-Science Inc. met with officials of National Supply Co. for an interview to gather information about the site. Following the interview, a visual survey of the site was conducted.

There are no waste disposal areas on the site, so the drum storage facility used to store drums temporarily before shipment for off-site disposal was inspected (see photograph). No apparent problems were noted in the vicinity of this facility. Other plant areas were not inspected.

WASTE MANAGEMENT PRACTICES

This facility generates small quantities of paint waste and sometimes accumulates equipment containing PCB's. Both of these wastes are transported and disposed off-site in approved disposal facilities. On-site management is conducted in a small concrete-based storage area. No problems existed with these facilities during this inspection.

This site was included on the inspection list because of an alleged spill of chemicals in 1981. This spill was never confirmed, and samples collected by EPA were acceptable according to file information. No further complaints were registered against the company since that time.

ASSESSMENT AND CONCLUSIONS

Waste management at the site is adequate at the present time. There are no on-site disposal facilities and only a small drum storage area. A spill may have occurred in the past, but it appears that it was an accidental, one-time incident. No hazard is believed to exist at the site due to hazardous waste handling.

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ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in
explanation of a question on the form T2070-3.

Corresponding number on form	Additional Remark and/or Explanation
XIII, J	<p>Gainesville relies on groundwater pumped from the Cretaceous-Trinity Gp. Antlers Formation. The Antlers consist mainly of alluvium (sand, shale, and basal gravel and conglomerate) and maintains 620 to 750 feet of section beneath the site. Yields from nearby public wells are generally moderate to large. An undifferentiated group of Paleozoic rocks underlie the Antlers and the Cretaceous System (see attached geologic cross section). The Antlers provides 375 to 400 cumulative feet of fresh to slightly saline water bearing sands in its section.</p> <p>Strata dip to the east dropping into the Sherman Syncline and Preston Anticline towards the front of the Ouachita Overthrust Belt. The site is just east of the Muenster Arch Axis.</p>

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Table 1.-Stratigraphic Units and Their Water-bearing Properties
Yield, in gallons per minute (gal/min): small, less than 100 gal/min; moderate, 100-1,000 gal/min; large, more than 1,000 gal/min.

Era	System	Series	Group	Stratigraphic units	Approximate maximum thickness (feet)	Character of rocks	Water bearing characteristics
Cenozoic	Quaternary	Relict	Affluent		75	Sand, silt, clay and gravel	Yields small to large amounts of water to wells along the Red River
		Pleistocene	Pleistocene to Tertiary Deposits				
	Tertiary	Eocene	Wiseo		100	Fine to medium sand with silt and clay	Yields small quantities of water to wells in the eastern part of the area
			Parahome	Mabrey	150	Gray carbonaceous silt, in part silty to sandy	De
	Mesozoic	Cretaceous	Gulf	Kappa Creek Coronado Marl	300	Peaty-kerogenous silt and hard limey marl	Yields small to yield water to wells in the area
				Marathon Sand	300	Fine sand and marl, fossiliferous	Yields small to moderate quantities of water near the surface
				Taylor Marathon Marl Paradox Chalk Kappa City Organ Formation	1,500	Chalk, marl, mudstone, and shale	Yields small quantities of water to shallow wells
				Gulf Chalk Brownstown Marl Blossom Sand Benton Formation	700	Chalk, limestone, and marl. Fine to medium sand, fossiliferous	Yields poor to moderate quantities of water to wells in the northeastern part of the area, very limited as an aquifer
				Eagle Ford	400	Shale with thin beds of anhydrite and limestone	Yields small quantities of water to shallow wells
				Woodbine	700	Mudstone to coarse iron sand, sandstone, silt, and some lignite	Yields moderate to large quantities of water to municipal, industrial and irrigation wells
				Washita	1,010	Fossiliferous limestone, marl, and silt, some sand near top	Yields small quantities of water to shallow wells
				Fredericksburg	Eocene Limestone Comanche Peak Formation	Dolomite Limestone	De
			Trinity	Walnut Formation	600	Fine sand, sandy shale, and shale	Yields small to moderate quantities of water to wells
				Anchors Formation	Goliad River Formation	Limestone, marl, shale, and dolomite	Yields small quantities of water in localized areas
				Twin Mountains Formation	1,000	Fine to coarse sand, shale, clay, and silt, gravel and conglomerate	Yields moderate to large quantities of water to wells
			Pleistocene rocks and alluvium				Sandstone, limestone, shale and conglomerate Yields small quantities of water in the western part of the area

Source: TDWR Report 269 V1, 1982

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Source: TDWR Report 269 V2

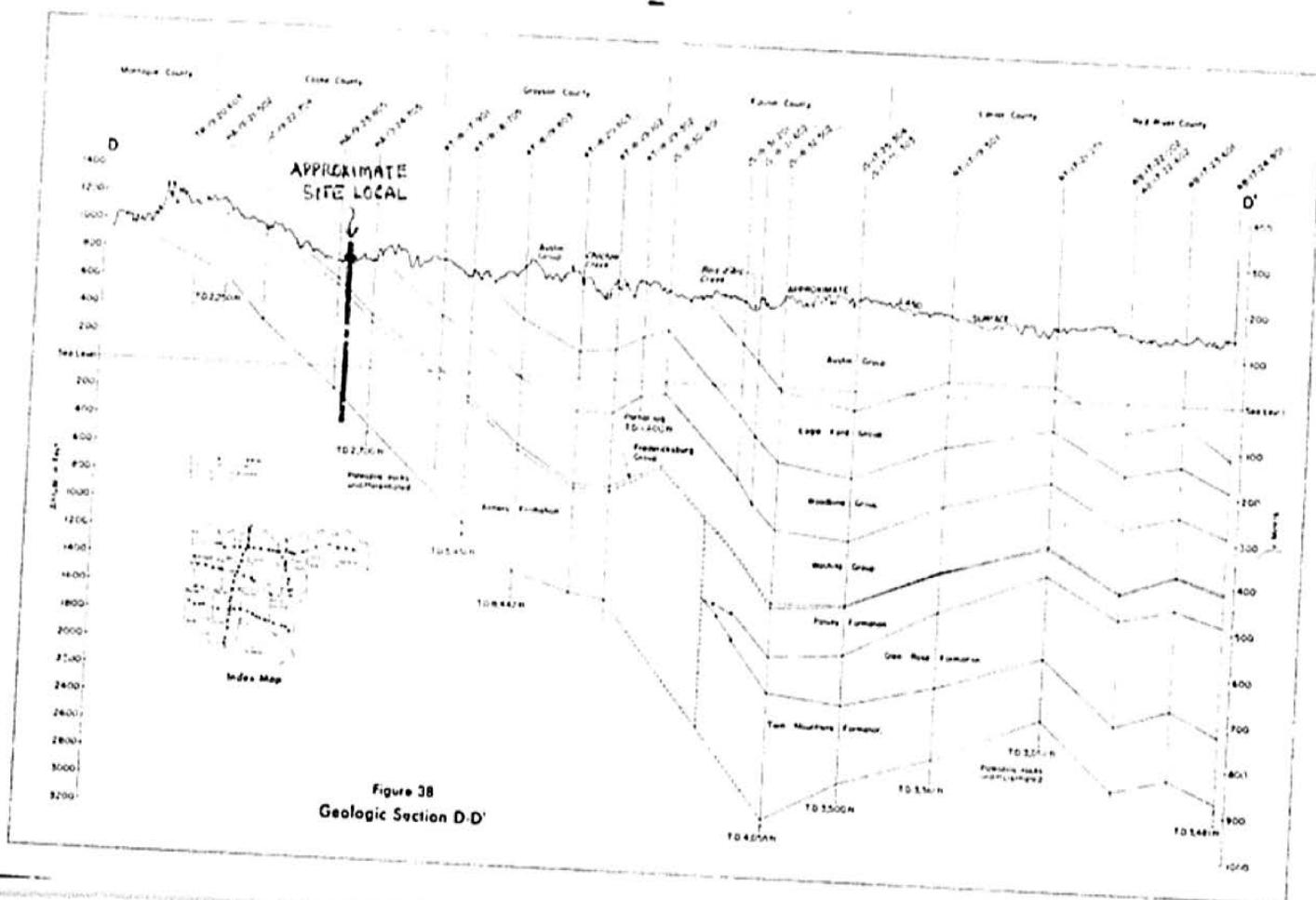


Figure 38
Geologic Section D-D'

ENGINEERING-SCIENCE, INC.
SITE INSPECTION TEAM
SITE SAFETY AND WORK PLAN

A. GENERAL INFORMATION

Site: National Supply Company (Div. of Armco Steel) Hazzit No.: TX 074-B0

Location: North of Gainesville 135 Frontage Rd. West

Plan Prepared by: Barry E. North Date: 4/19/84

Approved by: _____ Date: _____

Objective(s): Review records, interview site operator to establish history of on-site waste management. Collect information on use of solvents and other hazardous materials which could be released to adjacent property. Collect samples of spilled wastes if found in waste storage areas.

Proposed Date of Investigation: May 28 (wk w/t) 1984

Preliminary Assessment Hazard: High Medium Low
None Unknown

B. SITE/WASTE CHARACTERISTICS

Waste Type(s): Liquid Solid Sludge Gas

Characteristic(s): Corrosive Ignitable Radioactive

Volatile Toxic Reactive

Unknown Other (Name) Metal scrap, plant refuse, waste oil

Facility Description: Large industrial building complex. Supplier of steel and steel products.

Principal Disposal Method (type and location): off-site disposal

Unusual Features (dike integrity, power lines, terrain, etc.): None

Status: (active, inactive, unknown): Active

History: (worker or nonworker injury, complaints from public, previous remedial or enforcement action): Alleged dumping of chemicals into a 6-acre lake privately owned (in 1981)

C. HAZARD EVALUATION

From available information, this site does not generate reportable quantities of hazardous wastes. There is little potential hazard to site inspection personnel. However, it is likely that a facility of this kind uses solvents and generates waste solvents, but no information is available about this. Inspectors should be alert to the possibility of hazardous materials on-site which have not been reported.

D. SITE SAFETY WORK PLAN

PERSONAL PROTECTION

LEVEL OF PROTECTION: A B C D

MODIFICATIONS: _____

SURVEILLANCE EQUIPMENT AND MATERIALS: None required

SITE ENTRY PROCEDURES: Contact site owner to arrange access for inspection.

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DECONTAMINATION PROCEDURES: _____

Special Equipment, Facilities, or Procedures: _____

<u>Team Member</u>	<u>Responsibility</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

E. EMERGENCY INFORMATION
LOCAL RESOURCES

Ambulance: _____

Hospital: _____

Poison Control Center: _____

Police: _____

Fire Department: _____

EPA Contact: _____

TDWR Contact: Daniel L. Scheppers (512) 475-1344

Emergency Contacts: -

Project Safety Manager: Dr. Barry North (303) 455-4427

Project Manager: David G. Johnson (512) 477-9901 892-3755

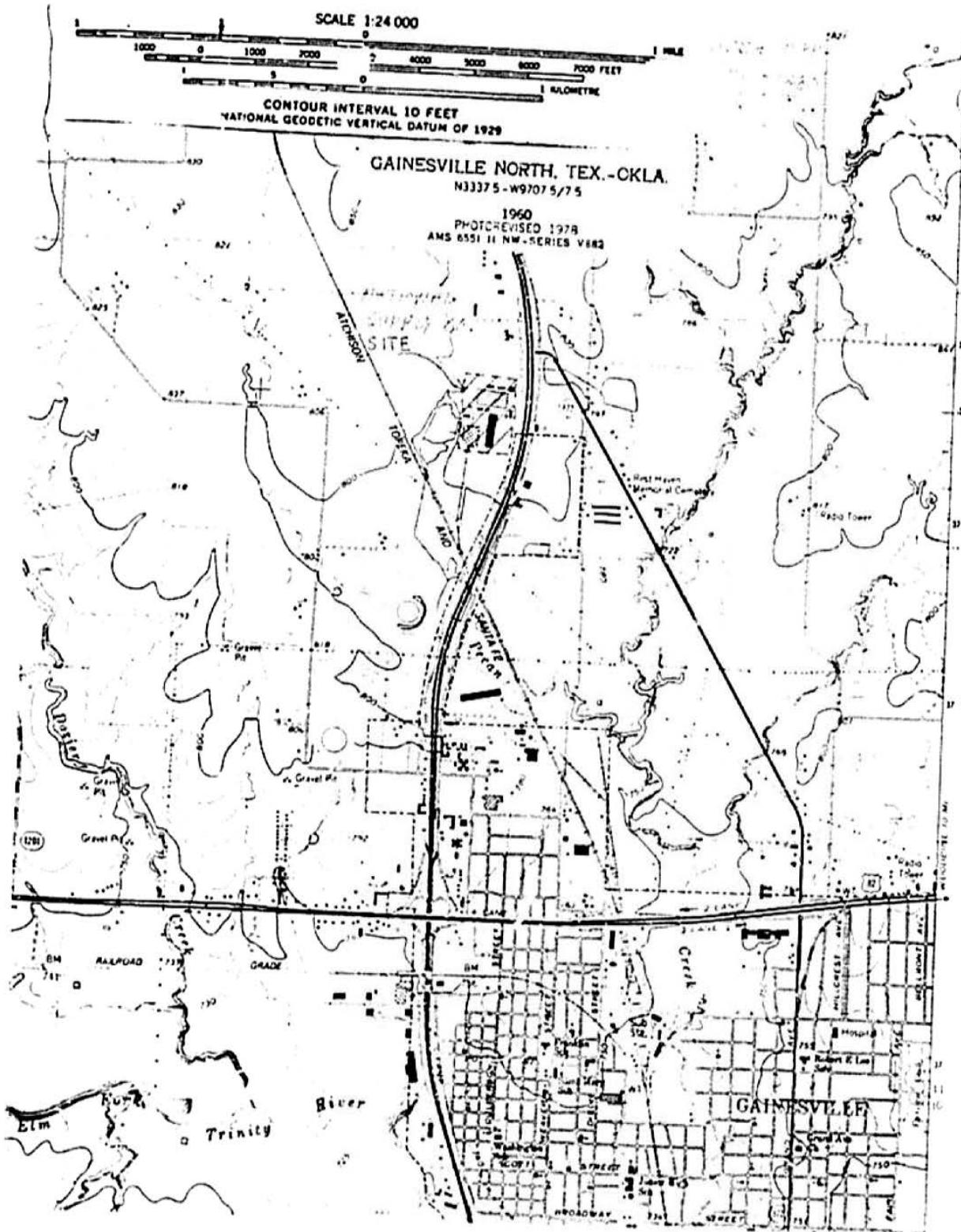
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F. EMERGENCY ROUTES

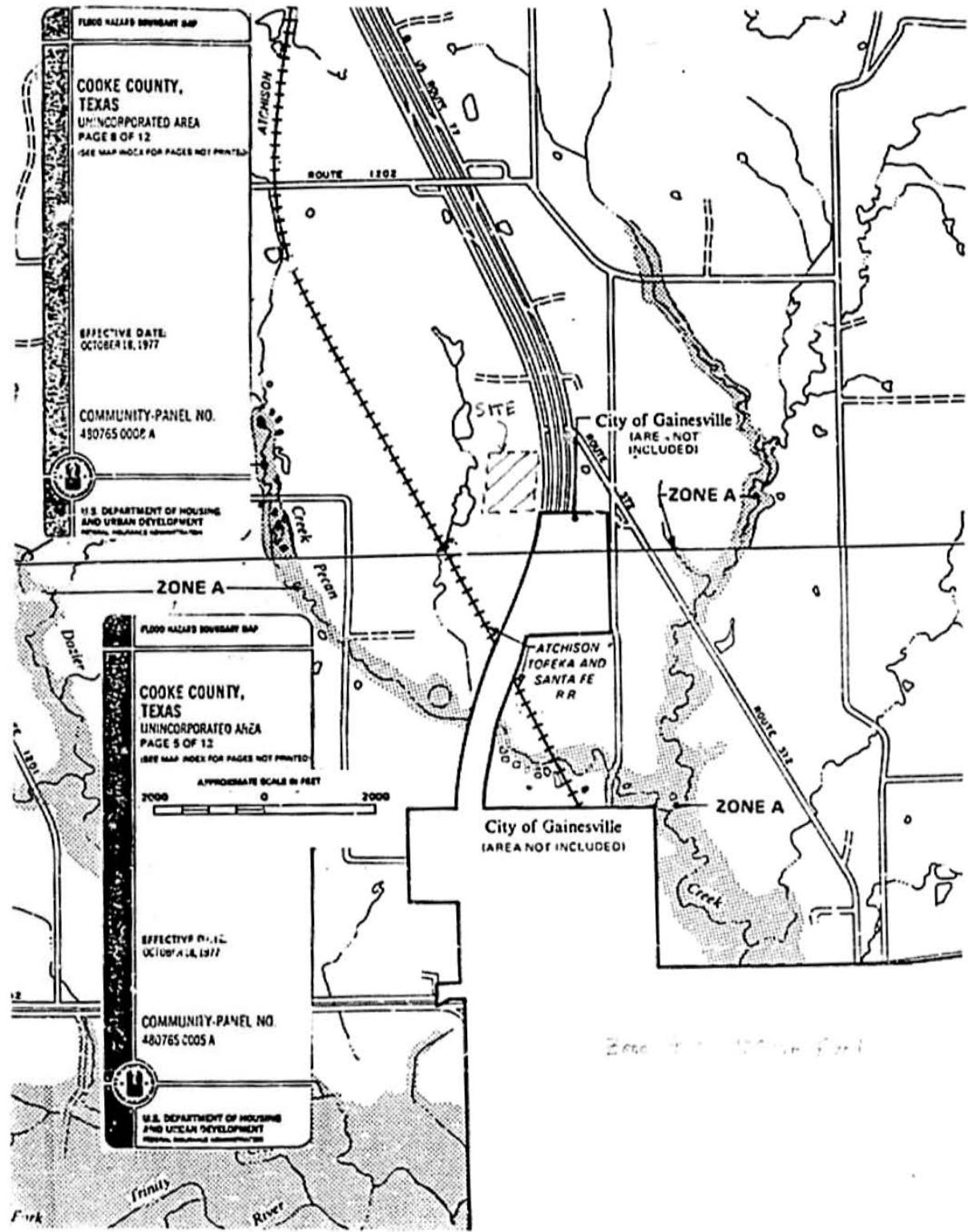
HOSPITAL: _____

OTHER: _____

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OF THE ORIGINAL.





Photographer / Witness

G. H. Fowler

Date / Time / Direction

5/23/84

Comments: Drum storage area
for temporary storage prior
to off-site disposal.

Photographer / Witness

Date / Time / Direction

Comments: _____

Photographer / Witness

Date / Time / Direction

Comments: _____

